

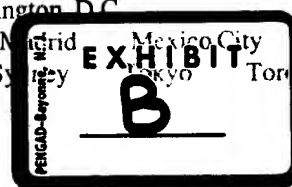
McGraw-Hill Dictionary of Scientific and Technical Terms

Fifth Edition

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Editor in Chief

McGraw-Hill, Inc.

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ing direct measurement of free-space wavelength. [OPTICS]
A beam resonator that consists of a pair of spherical mirrors
which have the same axis of rotational symmetry and are posi-
tioned so that their focal points coincide on this axis. { kən'fō-
kəl 'rez-ən, ād-ər }
conformability [MET] The ability of a metal that has been
cast as a bearing surface to deform plastically to compensate for
irregularities in bearing assembly. { kən,fɔrmə'bɪl-əd-ē }
conformable [GEOL] 1. Pertaining to the contact of an intru-
sive body when it is aligned with the internal structures of the
intrusion. 2. Referring to strata in which layers are formed
above one another in an unbroken, parallel order. { kən'fɔr-
mə-bəl }
conformable matrices [MATH] Two matrices which can be
multiplied together; this is possible if and only if the number of
columns in the first matrix equals the number of rows in the
second. { kən'fɔrmə-bəl 'mā-trə,sēz }
conformable optical mask [ELECTR] An optical mask made
on a flexible glass substrate so that it can be pulled down under
vacuum into intimate contact with the substrate for accurate
circuit fabrication. { kən'fɔrmə-bəl 'äp-tə-kəl 'mask }
conformal array [ELECTR] A circular, cylindrical, hemi-
spherical, or other shaped array of electronically switched an-
tennas; provides the special radiation patterns required for Ta-
can, IFF, and other air navigation, radar, and missile control
applications. { kən'fɔrməl ə'rā }
conformal chart [MAP] A chart on a conformal map projec-
tion. { kən'fɔrməl 'chärt }
conformal diagram See Penrose diagram. { kən'fɔrməl 'dī-
ə,gram }
conformality [MAP] The retention of angular relationships at
each point on a map projection. { ,kän-fər'mal-əd-ē }
conformal mapping [MATH] An angle-preserving analytic
function of a complex variable. { kən'fɔrməl 'map-ɪŋ }
conformal map projection [MAP] A map projection on
which the shape of any small area of the surface mapped is
preserved unchanged. Also known as orthomorphic map pro-
jection. { kən'fɔrməl 'map prə'jek-shən }
conformal reflection chart [ELECTROMAG] An Argand dia-
gram for plotting the complex reflection coefficient of a wave-
guide junction and its image, the two being related by a confor-
mal transformation. { kən'fɔrməl rɪ'flek-shən ,chärt }
conformation [ORG CHEM] In a molecule, a specific orienta-
tion of the atoms that varies from other possible orientations by
rotation or rotations about single bonds; generally in mobile
equilibrium with other conformations of the same structure.
Also known as conformational isomer; conformer. { kən-
fər'mā-shən }
conformational analysis [PHYS CHEM] The determination of
the arrangement in space of the constituent atoms of a molecule
that may rotate about a single bond. { kən-fər'mā-shən-əl ə'nal-
-əsəs }
conformational isomer See conformation. { kən-fər'mā-shən-
əl 'i-sə-mər }
conformer See conformation. { kən'fɔrmər }
conformity [GEOL] The shared and undisturbed correspon-

darscopes, consisting of strips
paper, such as chaff or window
or submultiples of enemy radar
radar confusion reflector. { kə-
conge [FOOD ENG] A machi
sweet chocolate are worked to
paste. { 'kän,jä }
congelifluction See gelifluction
congelifraction [GEOL] The
rocks as the result of the freezing
known as frost bursting; frost riv-
ting; frost weathering; frost we
{ kən,jel-ə,'frak-shən }
congeliturbate [GEOL] Soil
has been moved or disturbed b
bət }
congeliturbation [GEOL] The
a result of repeated cycles of f
frost heaving and surface sub
known as cryoturbation; frost c
bation. { kən,jel-ə'tər'bā-shən }
congener [CHEM] A chemical
another substance, such as a de
element belonging to the same f
periodic table. { 'kän-jə-nər }
congeneric [SYST] Referring t
{ 'kän-jə'ner-ik }
congenital [MED] Dating fr
{ kən'jen-əd-əl }
congenital agammaglobulinem
ficiency (in serum) of immunoglo
by increased susceptibility to bac
linked recessive tract, affecting
fecting both sexes. { kən'jen-
mē-ə }
congenital anomaly [MED] A
mality of the human body that
known as birth defect. { kən'jer-
congenital disease [MED] Any
is present at birth. { kən'jen-əd-
congenital pathology [MED] P
fects existing at birth. { kən'jen-
congestin [BIOCHEM] A toxin p
ones. { kən'jes-tən }
congestion [MED] An abnormal
ally blood, but occasionally bile or
an organ or part. { kən'jes-chən }
congestive heart failure [MED]
congestion exists as a result of hea
,fāl-yər }
conging process [FOOD ENG]
working a ground mixture of choc
butter with additional cocoa butter
as }
conglomerate [GEOL] Cemen
water-worn rock or pebbles, bound